



WRJ 2004

WIDEBAND RADIO JAMMERS AGAINST RCIEDs



- Wideband Radio Jammers against Remote Controlled Improvised Explosive Devices

■ APPLICATIONS:

- Convoy protection
- VIP (Very Important Persons) protection
- Anti-terror units
- Bomb squads
- Elite military and police units
- Special response teams
- Military bases and headquarters

■ MODULAR CONCEPT:

- Up to 12 subbands covered by separated exciter-amplifier modules mounted in racks
- Focus on 150 MHz , 450 MHz, GSM900, GSM1800, UMTS subbands, Wi-Fi (2,4 GHz/5,8 GHz)

■ IMPLEMENTATION POSSIBILITIES:

- Turn-key principle based on developed and produced equipments deliveries, complete engineering and installations including antennas, cabling, racks and integration
- Deliveries of the whole subsystem in racks followed by acceptance tests; the installations, cabling, antennas are provided by the customer in an appropriate vehicle.

IRITEL
*bright
& connections*

TECHNICAL DATA

- **Jamming range:** up to ~ 200 meters
- **Frequency range:** 20 MHz – 3.6 GHz, separated in multiple subranges
- **Jamming signal types:**
 - Wideband noise
 - FM sweep
 - Multicarrier
- **Programmable communications bands/channels** (as required)
- **Total output power:** up to 1100 Watt, 30 – 200 Watt per Band, with output power amplifier protection (VSWR, Temperature, Input power)
- **DC Power supply:** 24 Vdc / 200 A optionally 12 Vdc or 220 Vac
- **Remote Control:** via Ethernet interface (Windows application included):
 - ON/OFF per band
 - Power adjust
 - Jamming signal bandwidth adjust
 - Modulation type choice
 - System monitoring
- **Case Type:** 19" Rack with separated power supply and exciter/power amplifier units
- **Antennas:** External Omnidirectional (360°) Antennas along with suitable RF cables
- **Operating Temperature:** +5°C to +45°C

